



...CLUB NEWSLETTER EST. 1947

Southern California DX Club Newsletter

NOVEMBER 2015

The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The SCDXC newsletter is published monthly and released to club members around the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles may be republished with recognition of the author and the club. Reuse of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Diana, AI6DF, at:

ai6df@scdxc.org

Club meetings are held on the second Thursday of the month at 7:30 PM except April, June and December.

Please check the club web site for events and details at:

<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

W6AM/R 145.48, (-) PL 100.0



"If you need him get in there and work him"

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From the Desk of the President

George Jacob, N6VNI
2015 President – SCDXC
N6VNI@scdxc.org



George, N6VNI

Everything must come to an end. In sports it is the last inning, the last frame, the last lap, the last quarter, the last period, the 18th hole and the club house is in sight and so on. My term as the President is reaching its end. It has been an interesting year for me. As President there are things one has to do because it is part of the job.

Heading up board meetings, running the club meetings, making presentations in front of very large groups of people. For example making the presentation to Wayne W6IRD as the outgoing President and making the presentation for the DXER of the year award and the Clipperton award at the DX convention. This is something that does not come natural for me, I had to work at it. I want to thank my board and the membership of the SCDXC club for their support. THANK YOU.

I am not done yet.

The next club meeting will be Thursday evening November 12th. Please do not forget the no host dinner at the Sizzler Restaurant. For the last ten months we have had on the average 25 to 30 members attending the dinner. Can we get 40? November is the last dinner at the Sizzler until January 2016

The guest speaker for the November meeting will be Eric from Elecraft Radio. Eric will be flying his plane to attend this meeting. So let's have a full house for Eric.

The holiday party information is now on the club website. We hope to have a great turnout. A reminder to the artists in the club, we need a patch for the upcoming 2016 convention shirt, the submitted patch or patches will be voted on by the members present at holiday party.

The holiday season is getting very close. I want to wish all the members and their families a Happy Thanksgiving.

Until the next time.

73 De

George T. Jacob, Jr. N6VNI
SCDXC CLUB PRESIDENT ♦

Vice President's Corner

Doug Millar, K6JEY
2015 SCDXC Vice President
drzarkof56@yahoo.com

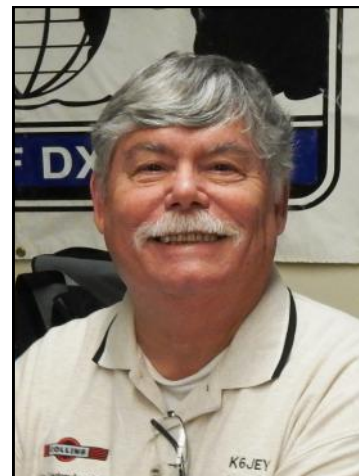
November already? Hope everyone did well in the October SSB DX contest. I understand some people might have gotten DXCC during the contest.

This month we have a special speaker at our meeting- Eric Swartz WA6HHQ from Elecraft! He will be with us at dinner and at the meeting to tell us what is going on with an exciting company. Be sure to be at the meeting and bring friends.

In addition, we will have two interesting microphones at the meeting. One is an AKG C1000b hand-held condenser I think you will find great for ham radio. The other is the Neumann we tried last month. (I found the problem-- it was the AC plug for the power supply for the preamp). So this month- more than usual great speaker, great prizes, and great sounds.

The club has a Holiday party coming up in December. I am arranging for some great prizes to be given out. We will also vote on the patch for the DX convention. We will also have a great time. Hope to see you there.

73,
Doug Millar, K6JEY ♦



Doug, K6JEY



Eric Swartz, WA6HHQ and Chief Operating Officer of Elecraft, Inc. is speaking at the SCDXC's November 12, 2015, meeting

7:30 pm, WEMS Electronics, Inc., employee break room, 4650 Rosecrans Ave., Hawthorne.

Eric Swartz, WA6HHQ, is Elecraft's Chief Operating Officer; co-designer of the K3 and other Elecraft transceivers; and co-founder of Elecraft in 1998 with Wayne Burdick, N6KR. Licensed 44 years, he credits his early interest in amateur radio with leading him to a career in electronic design and management. He has a B.S. in Engineering and Applied Science from Yale University and been involved with a number of successful Silicon Valley start-ups. Prior to Elecraft, Eric was co-founder and President of Verisys, a test equipment manufacturer of protocol analyzers for the mass storage market.

Our start of meeting "Microphone of the Month" presentation begins at 7:15 pm. ♦

Where are they 50 years later? Electronics projects and technical schools from our past

By Diana Feinberg, AI6DF

Perhaps *Popular Electronics* magazine was a fixture in your family's home during the 1960's as it was in mine. I was delighted when fellow SCDXC member Doug, W6HB, recently advised nearly all *Popular Electronics* issues are now archived online for re-living our youthful projects. You can find the issues you remember at: <http://www.americanradiohistory.com/Popular-Electronics-Guide.htm>

As I re-visited the November 1965 issue I wondered: What happened to all the advertisers, especially those mostly for-profit correspondence radio and electronics schools whose heavy advertising kept *PE* afloat? Obviously, community colleges since evolved to fill some trade school needs but other factors were lurking.

PE magazine didn't survive changes in electronics (the last issue was in 1992 after some of its advertisers, as shown below, also shut.) But a few radio and electronics schools evolved quite nicely—perhaps by sheer luck as personal computers, networking, fiber optics, and the internet required a new kind of technical worker. Some electronics schools wildly diversified, branching heavily into medical and other faster growing fields. So here's an internet-derived reunion of where the electronics schools in *Popular Electronics* 50 years ago are today.

American Institute of Engineering & Technology, page 114: Merged in late 1960's with Coyne Electronics Institute (below) to become Coyne American Institute, now Coyne College.

Capitol Radio Engineering Institute, pages 16-19: acquired by McGraw-Hill in late 60's and integrated with National Radio Institute (see below), now defunct.

Cleveland Institute of Electronics, pages 102-105, and 129: Stayed close to their knitting, still in Cleveland offering remote learning in broadcast and industrial electronics technology plus robotics, computer networking and IT security, home automation.

Coyne Electronics Institute, page 114: Renamed Coyne American Institute in late 60's, became Coyne College in Chicago. Moved out of electronics into electrical maintenance, construction, HVAC, medical assistant, medical billing, and pharmacy technician programs.

DeVry Technical Institute, page 3: Acquired by Bell & Howell (movie projectors) in 1967, then sold in 1987 to Keller Graduate School of Management. Diversified to become for-profit DeVry University offering programs well-beyond electronics. Now has college and grad school of Business & Management; colleges of media arts & technology, health sciences, engineering & information sciences. Shares are listed on New York Stock Exchange.

Grantham School of Electronics, page 119: Renamed Grantham University, now has online programs in nursing/allied health, engineering technology, business, and criminal justice.

Milwaukee School of Engineering, page 8: Unlike most of the others, today still a non-profit physical campus with degree programs in engineering, business, nursing, mathematics.

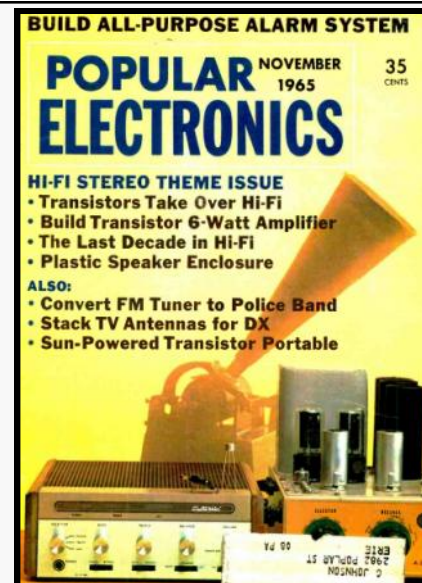
National Radio Institute, second cover: Purchased by McGraw-Hill Education in 1968 and merged with correspondence division of Capitol Radio Engineering Institute; renamed NRI Schools. Ceased operations in 1992.

National Technical Schools, pages 68-71: Based then on Figueroa Street in Los Angeles, later operated by Encino-based United Education & Software, went bankrupt in 1992 while mired in lawsuits over quality of education.

RCA Institutes, Inc., pages 34-37: Started in 1909 as Marconi Institute, later operated by former RCA, Inc., and taught radio/television/electronics skills to thousands on-site and via correspondence. Ceased operations in 1973, citing rising costs. (Note: your Newsletter Editor studied some of her dad's RCA Institutes instructional materials in 1962.)

Valparaiso Technical Institute, page 124: Became defunct in 1991 after staff left.

It doesn't look like the *PE* school-advertiser 50th reunion will be having a party. ♦



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The SCDXC's 2015 Holiday Party is Sunday, December 6, 12:00 Noon, at Luminarias — make your reservations now

The 2015 SCDXC Holiday Party will be held in a large private dining room at Luminarias Restaurant, 3500 Ramona Blvd., Monterey Park, beginning at 12:00 Noon.

Our party is an all-you-can-eat sit-down buffet brunch and with over 130 buffet items spanning breakfast, lunch, and dinner you won't go home hungry from this restaurant.

Please make your reservations by November 27 on the SCDXC website via PayPal, at: <http://www.scdxc.org/holiday.html> or download a form and mail it to Cathy Gardenias, K6VC.

The cost per person is \$45 and SCDXC door prizes will again be awarded. Attire is casual—come as you are (or aren't.)

Luminarias Restaurant, a local tradition for nearly 40 years, features a Spanish hacienda motif with cobblestone walkways, arched doorways, and lush tropical foliage.

A “luminaria” is a Mexican votive candle typically inside a small bag weighted with sand and placed in rows along a sidewalk or driveway (as shown in the top photo.)

See you on December 6th at Luminarias for the Holiday Party. ♦



Top photo: The entrance to Luminarias Restaurant, is shown with luminarias lining the walkway.

Bottom photo: Aerial view of Luminarias Restaurant in Monterey Park.

PHOTO CREDITS: LUMINARIAS RESTAURANT

**Place your Holiday Party reservations online at our website,
<http://www.scdxc.org/holiday.html>**

Or via postal mail no later than November 27, 2015.

Tidbits...

Field Checking of QSL Cards by N6QQ and N6HC

QSL cards for new DXCC awards and endorsements may be checked by an approved DXCC Card Checker. This program applies to any DXCC award for an individual or station. Awards available can be found in Section I: Basic Rules, [Rule 1](#).

1) Entities Eligible for Field Checking:

Except for 160 meters, cards for all current and deleted entities dating back to November 15, 1945 can be checked. Cards for 160 Meters can only be checked by card checkers who currently hold an active 160 Meter DXCC. Check out the complete list of [DXCC 160 Meter Card Checkers](#).

CQ AWARDS: CQ Awards except 160 Meter WAZ, Digital WAZ, 6 Meter, Satellite, EME and 5BWAZ endorsements and new 5BWAZ applications with 170 or more zones.

Both Arnie, N6HC, and John, N6QQ, can check cards. If you live in Orange County, Arnie would be happy to check cards for both ARRL and CQ. If you would like to contact N6QQ, call 562-404-1112 or n6qq@msn.com ♦

For Sale: Henry 2K4 Amplifier

Henry 2K4 amplifier for sale. Very good condition, all functions within specifications, no modifications, covers 80 through 10 meters. With original manual. The amplifier is presently stored in Southern California. Asking \$1,000. Prefer local pickup. My Alpha amplifier is quite sufficient!

Cliff Moore, K6KII.

E-mail: K6KII@yahoo.com

or telephone (970) 286-4250 ♦



At our October meeting—**Above:** Our VP says, “This is a \$1,200 Neumann mic. Don’t spit into it.” This microphone will be back at the November meeting. **Below:** Mel Swanberg, WA6JBD, spoke on Non-Directional Beacons and how to monitor them.

PHOTOS: DIANA FEINBERG, AI6DF



More Tidbits...

They're back...and we will hear about the TX3X DXpedition to Chesterfield Island at our January 2016 meeting

Have you ever wondered about what it is like to participate in a major DXpedition to a deserted South Pacific Island? How do you organize and prepare for all eventualities when there is no radio store to fall back on?

What is it like to travel on a two-masted 78-foot motor/sail boat? What is it like to visit the capital city of New Caledonia—Noumea—and what will you find there? These questions... and more, will be answered by our guest speakers, Arnie Shatz, N6HC, and David Greenhut, N6HD, at the SCDXC January 2016 meeting as they relate the adventures of the October 2015 TX3X Chesterfield Island DXpedition team. ♦



Above: SCDXC members Arnie Shatz, N6NC (left), and David Greenhut, N6HD were on the TX3X team and shown holding the DXpedition banner, with operating tents in left background.

Left: Group photo of the entire TX3X team behind the Northern California DX Foundation banner. David, N6HD is third from left in back row; Arnie N6HC is second from right in back row.

PHOTO CREDITS:
TX3X DXpedition.

More Tidbits...

2016 International DX Convention Update

Convention Volunteers Needed:

The next International DX Convention planning meeting will be held November 14, 2015, at WEMS (where we have our meetings for SCDXC) at 10:00 am. Please come and share ideas and volunteer sometime for this beneficial club event. We need everyone's support.

Our committee that is in place will report on their activities so far.

We are still in need of a vendor/prize chair. Don't be shy, we have everything you need and more to assist you for success.

Logo Designs Wanted:

Design the 2016 DX Convention Logo and win a free Convention registration. Send your design by December 1, 2015, to Doug Millar, K6JEY, at: k6jey@scdxc.org.

The 2016 International DX Convention happens April 15-17 at the Visalia Convention Center. Hotel room reservations are still available on the IDXC website's Passkey portal at:

<https://aws.passkey.com/event/13906221/owner/3376301/landing>

If a hotel does not show any dates (such as at the Marriott and downtown Comfort Suites across from the Convention Center) it's because the hotel is sold out. Plenty of rooms are still available at other hotels. Remember that if you stay at one of the seven hotels we as a club benefit.

Cathy Gardenias, K6VC, and
Doug Millar, K6JEY
2016 IDXC Co-Chairs ♦

Additional SCDXC Information

Treasurer's Report

Club financial information is available on request. Contact the Treasurer.

Officer Guidelines

The SCDXC's Officers Guidelines are available on our website. See hyperlink below.

Code of Conduct

SCDXC endorses the DX Code of Conduct

Membership

SCDXC membership is open to all radio amateurs interested in DXing. Full Membership is only available to those residing in 11 Southern California counties who have earned DXCC or WAZ. Associate Members are also welcomed.

Dues are \$24 annually (+\$6 for each additional family member.) An application is on our website for joining on-line using PayPal payment or by downloading a printable membership form and paying by check. For additional membership information and information about the SCDXC visit our website at: <http://www.scdxc.org/membership.html>

Welcome to SCDXC New Members

Please welcome the following amateur operators who recently joined the Southern California DX Club:

Jim Day, W6DF

Michael Berchtold, K6MKL

Steven Edenson, KB6VME

Ben Moses, W6FY

Azimuth map base image from
<http://ns6t.net/DXpedition> data from ng3k.com, dxcoffee.com, and DXpedition websites. Most-Wanted rankings from www.ClubLog.org

Figure 1 displays two heatmaps showing the spatial distribution of 24 parameters (SP01 to SP24) across 21 locations (01 KL7 to 21 A7). The color scale ranges from 0 (white) to 255 (red).

Left Heatmap (Parameters SP01 to SP24):

- SP01: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP02: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP03: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP04: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP05: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP06: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP07: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP08: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP09: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP10: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP11: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP12: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP13: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP14: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP15: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP16: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP17: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP18: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP19: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP20: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP21: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP22: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP23: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP24: High values (red) in locations 01-10, 12-14, 16-18, 20-24.

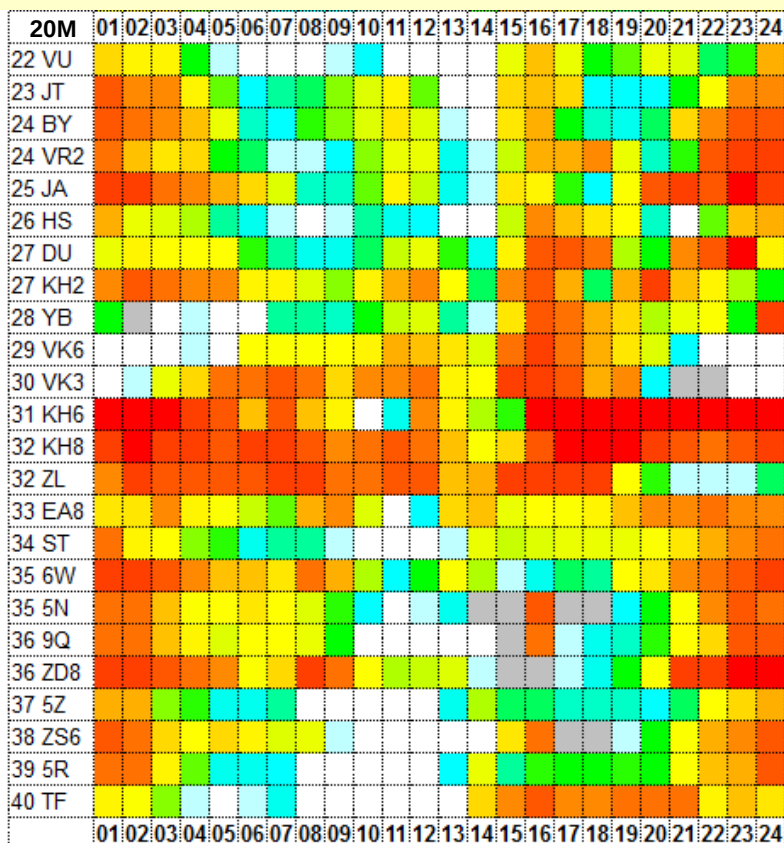
Right Heatmap (Parameters SP25 to SP48):

- SP25: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP26: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP27: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP28: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP29: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP30: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP31: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP32: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP33: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP34: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP35: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP36: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP37: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP38: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP39: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP40: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP41: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP42: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP43: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP44: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP45: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP46: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP47: High values (red) in locations 01-10, 12-14, 16-18, 20-24.
- SP48: High values (red) in locations 01-10, 12-14, 16-18, 20-24.

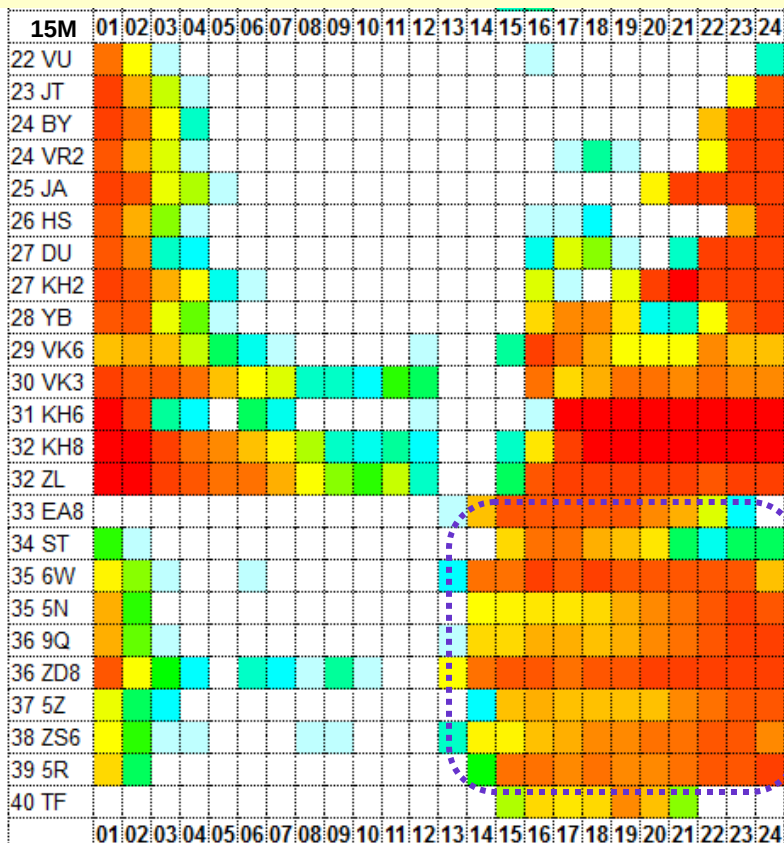
Timing two bands from Los Angeles: VOCAP charts predicting 20-meters & 15-meters in November 2015 tell the story

Continued from previous page,

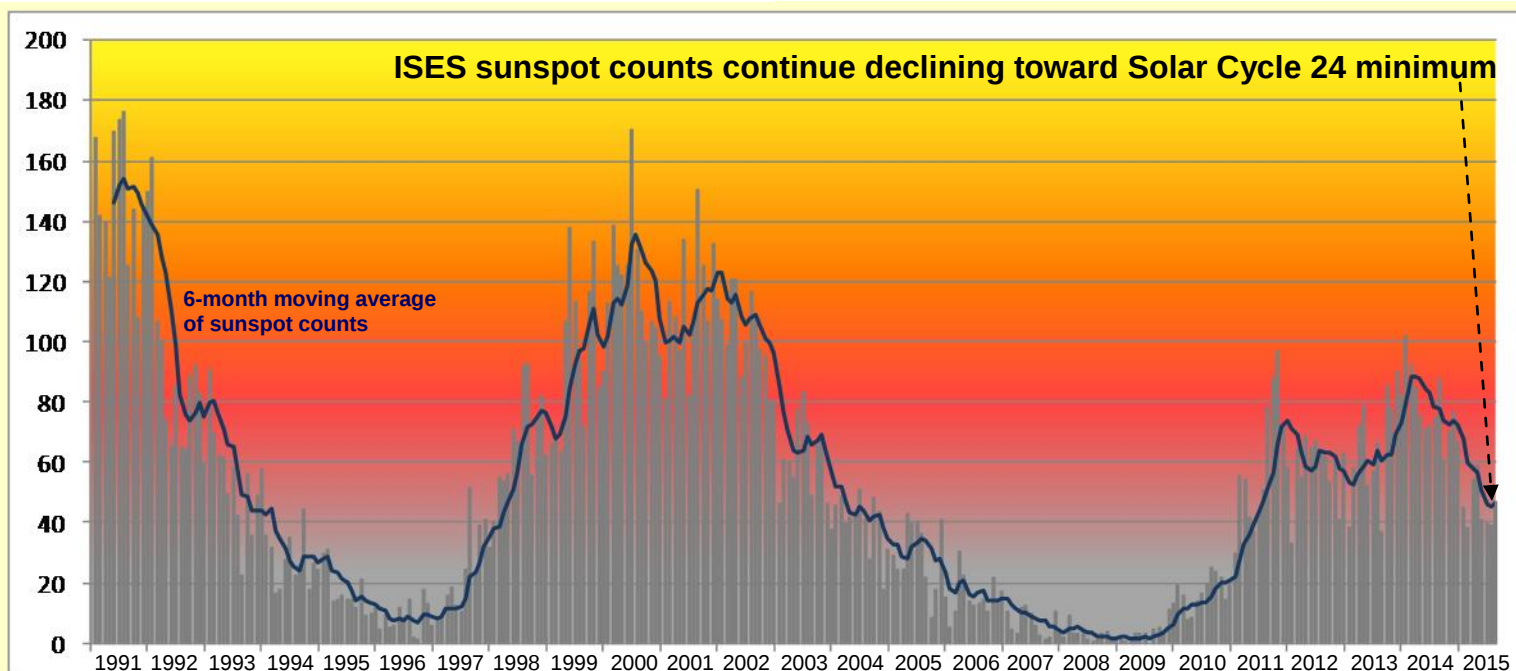
CQ Zones 22-40 shown below for November 2015 by UTC hour of day



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Graph design: Diana Feinberg, AI6DF, using ISES sunspot data from NOAA Space Weather Prediction Center, <http://www.swpc.noaa.gov/products/solar-cycle-progression>, with 6-month moving average line plotted through September 2015. October 2015 monthly data not available as this Newsletter issue was readied.

SCDXC Members' ClubLog Lifetime Standings (as of 10-28-2015)

Rank	Callsign	160	80	60	40	30	20	17	15	12	10	6	DXCC	Slots	Range
1	W6SR	182	265	0	318	299	338	323	333	283	321	64	340	2726	48 yrs
2	K6FG	143	236	0	325	323	340	325	328	314	319	34	340	2687	59 yrs
3	W6VX	162	249	0	317	295	340	326	316	295	307	9	340	2616	36 yrs
4	K6YUI	127	200	0	310	308	339	328	331	314	321	17	340	2595	58 yrs
5	W8DX	38	241	0	329	296	338	319	321	266	299	6	340	2453	58 yrs
6	KR6C	128	140	0	222	190	310	229	272	187	197	1	339	1876	37 yrs
7	N6QQ	55	116	0	268	237	332	289	304	230	265	7	336	2103	58 yrs
8	N6HY	125	197	3	291	280	328	301	296	239	244	23	334	2327	62 yrs
9	KM6HB	8	134	1	196	120	291	183	278	186	237	15	334	1649	24 yrs
10	W6OU	4	34	0	100	25	305	102	244	62	209	14	334	1099	52 yrs
11	W6ZPL	3	105	0	167	11	303	166	262	113	213	0	333	1343	17 yrs
12	SM5GMZ	138	170	0	262	222	305	232	289	212	234	22	332	2086	46 yrs
13	AI6Z	13	178	0	237	242	270	249	251	251	235	0	329	1926	22 yrs
14	NS6C	12	132	0	243	219	305	265	252	239	218	11	325	1896	58 yrs
15	N6MXU	25	38	0	142	57	264	123	200	75	190	3	325	1117	29 yrs
16	K0OK	9	136	0	206	160	231	228	232	211	211	7	322	1631	43 yrs
17	W6SW	0	8	0	15	3	242	8	135	2	79	0	319	492	36 yrs
18	AC6DX	27	129	1	251	143	303	233	251	215	269	8	316	1830	8 yrs
19	W6DR	78	104	0	191	95	274	99	230	59	194	6	316	1330	35 yrs
20	N6VNI	4	66	0	132	93	262	198	231	179	197	9	298	1371	26 yrs
21	NK6A	1	14	0	94	68	244	63	250	31	179	0	298	944	70 yrs
22	N6DHZ	2	91	1	103	9	236	116	172	88	204	14	290	1036	27 yrs
23	N6GP	9	155	0	181	116	240	140	201	135	178	8	286	1363	26 yrs
24	ZL3TE	21	59	0	206	153	243	139	211	119	171	1	284	1323	11 yrs
25	K6IPV	39	66	0	127	151	183	208	170	171	165	13	281	1293	60 yrs
26	SK5A	61	84	0	117	89	152	140	133	90	117	6	279	989	7 yrs
27	W6YOO	19	40	1	101	129	193	133	139	87	102	2	279	946	41 yrs
28	KT6LA	0	109	0	125	16	197	113	217	54	172	0	269	1003	9 yrs
29	K7MY	0	11	0	67	28	191	125	178	93	128	4	265	825	38 yrs
30	K6SS	7	20	0	54	17	184	151	179	123	119	2	245	856	2 yrs
31	K6AFW	2	7	0	48	6	146	20	5	3	177	1	202	415	23 yrs
32	W6KC	0	3	0	102	0	131	1	145	2	140	0	194	524	18 yrs
33	K6DXA	0	0	0	0	0	1	1	0	0	175	2	175	179	2 yrs
34	AD6LV	0	4	0	25	0	140	27	87	24	77	0	171	384	5 yrs
35	K7LA	1	6	1	14	0	73	38	105	36	49	0	152	323	15 yrs
36	W6QE	0	1	0	21	0	76	4	57	0	65	0	149	224	21 yrs
37	K6NQY	0	1	0	6	0	61	33	56	26	35	2	128	220	7 yrs
38	KK6FJQ	0	0	0	0	0	0	0	0	0	122	0	122	122	2 yrs
39	SM5X	13	19	0	27	18	41	47	41	13	13	0	121	232	11 yrs
40	ZM3T	0	0	0	2	0	91	0	61	0	57	0	111	211	5 yrs
41	N6DBF	0	9	0	24	2	66	18	54	23	55	2	109	253	29 yrs
42	K6DSW	1	1	0	35	0	64	10	39	9	70	2	108	231	7 yrs
43	N6RU	2	2	0	12	0	26	12	28	18	75	1	105	176	7 yrs
44	SG5Z	33	25	0	43	0	61	5	83	6	52	0	97	308	1 yrs
45	AI6DF	3	0	0	0	0	13	1	59	6	47	1	75	130	1 yrs
46	W6MPB	1	3	0	6	4	32	6	27	3	19	1	60	102	13 yrs



Hamming It Up: George, N6VNI, sent this photo of himself (left); Richard, N6RU; and Michael, K6MKL, enjoying the October 24-25 CQ WW SSB contest from the N6VNI QTH in La Habra.

November 2015 Contest & SCDXC Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 Daylight Saving Time ends, 2 am	2	3	4	5	6	7 Ukrainian DX Contest; ARRL Sweepstakes (CW)
8 Ukrainian DX Contest; ARRL Sweepstakes (CW)	9	10	11 Veterans Day	12 Club meeting with Elecraft's Eric Swartz, WA6HHQ, at WEMS 7:30pm	13 Worked All Europe DX Contest RTTY	14 10 am 2016 IDXC meeting, WEMS; JIDX Phone Contest; Worked All Europe DX Contest RTTY
15 JIDX Phone Contest; Worked All Europe DX Contest RTTY	16	17	18	19	20	21 ARRL Sweepstakes (SSB)
22 ARRL Sweepstakes (SSB)	23	24	25	26 Thanksgiving Day	27 Holiday Party reservation deadline: CQ WW DX Contest (CW)	28 CQ WW DX Contest (CW)
29 CQ WW DX Contest (CW)	30					

For operating times and rules of contests check: <http://www.hornucopia.com/contestcal/contestcal.html>

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Test site location:

La Habra Community Center.

101 W. La Habra Blvd., La Habra, CA 90631

Date and Times - Third Thursday of every month, @ 6 P.M. unless otherwise noted. Pre-Registration is requested and preferred. Walk-ins are welcome.

2015 TESTING SESSIONS

Thursday, January 15th, 2015 6 p.m.

Thursday, February 19th, 2015 6 p.m.

Thursday, March 19th, 2015 6 p.m.

**Thursday, April 16th, 2015 6 p.m. NOTE: Location change –this date only
(Home of George N6VNI, 1901 W. El Portal Drive, La Habra, CA 90631)**

**Thursday, May 21st, 2015 6 p.m. NOTE: Location change – this date only
(Home of George N6VNI, 1901 W. El Portal Drive, La Habra, CA 90631)**

Thursday, June 18th, 2015 6 p.m.

Thursday, July 16th, 2015 6 p.m.

Thursday, August 20th, 2015 6 p.m.

Thursday, September 17th, 2015 6 p.m.

Thursday, October 15th, 2015 6 p.m..

Thursday, November 19th, 2015 6 p.m.

On Exam Day Bring the Following Items

- A legal photo ID (driver's license, passport) or Two forms of non-photo ID; e.g., birth certificate, social security card, library card, utility bill or other business correspondence with name of the examinee as it appears on the Form 605 and current mailing address.
- Your Social Security Number (SSN) or FCC-issued Federal Registration Number (FRN).
- If applicable, the original and a photocopy of your current Amateur Radio license and any Certificates of Successful Completion of Examination (CSCE) you may have from previous exam session. (Photocopies will not be returned.)
- Two number two pencils with erasers, and a pen.
- A calculator with memory erased and formulas cleared (no iPhones, iPads, etc.).
- Test Fee: \$15.00 (cash or check).

If you fail an element and wish to retake it, we are required to charge an additional test fee. If you pass an element, we typically offer and encourage you to take the next element. We do not charge an additional test fee for this and it gives you the opportunity to see what the next exam element is like!



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